



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/743,423

Source:

IFW

Date Processed by STIC:

1/7/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 101743,423

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ✓ Use of <220> Sequence(s) 1-26 missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 0001/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/743,423

DATE: 01/07/2004

TIME: 15:20:23

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01072004\J743423.raw

3 <110> APPLICANT: Bolt, Sarah L.
 4 Clark, Michael R.
 5 Gorman, Scott D.
 6 Routledge, Edward G.
 7 Waldmann, Herman
 9 <120> TITLE OF INVENTION: HUMANIZED ANTI-CD3 SPECIFIC ANTIBODIES (as amended)
 11 <130> FILE REFERENCE: bolt et al
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/743,423
 C--> 14 <141> CURRENT FILING DATE: 2003-12-23
 16 <150> PRIOR APPLICATION NUMBER: 9206422.9
 17 <151> PRIOR FILING DATE: 1992-03-24
 19 <150> PRIOR APPLICATION NUMBER: PCT/GB92/01933
 20 <151> PRIOR FILING DATE: 1992-10-21
 22 <160> NUMBER OF SEQ ID NOS: 26
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 5
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 33 peptide
 35 <400> SEQUENCE: 1
 36 Ser Phe Pro Met Ala
 37 1 5
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 17
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 48 peptide
 50 <400> SEQUENCE: 2
 51 Thr Ile Ser Thr Ser Gly Gly Arg Thr Tyr Tyr Arg Asp Ser Val Lys Gly
 52 1 5 10 15
 55 <210> SEQ ID NO: 3
 56 <211> LENGTH: 10
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Artificial Sequence
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 62 peptide
 64 <400> SEQUENCE: 3

Does Not Comply
Corrected Diskette Needed

(Pg. 1-5)

Please see
item 11, on
error
summary
sheet.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/743,423

DATE: 01/07/2004

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Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01072004\J743423.raw

65 Phe Arg Gln Tyr Ser Gly Gly Phe Asp Tyr
 66 1 5 10
 69 <210> SEQ ID NO: 4
 70 <211> LENGTH: 13
 71 <212> TYPE: PRT
 72 <213> ORGANISM: Artificial Sequence
 74 <220> FEATURE:
 75 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 76 peptide
 78 <400> SEQUENCE: 4
 79 Thr Leu Ser Ser Gly Asn Ile Glu Asn Asn Tyr Val His
 80 1 5 10
 83 <210> SEQ ID NO: 5
 84 <211> LENGTH: 7
 85 <212> TYPE: PRT
 86 <213> ORGANISM: Artificial Sequence
 88 <220> FEATURE:
 89 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 90 peptide
 92 <400> SEQUENCE: 5
 93 Asp Asp Asp Lys Arg Pro Asp
 94 1 5
 97 <210> SEQ ID NO: 6
 98 <211> LENGTH: 9
 99 <212> TYPE: PRT
 100 <213> ORGANISM: Artificial Sequence
 102 <220> FEATURE:
 103 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 104 peptide
 106 <400> SEQUENCE: 6
 107 His Ser Tyr Val Ser Ser Phe Asn Val
 108 1 5
 111 <210> SEQ ID NO: 7
 112 <211> LENGTH: 30
 113 <212> TYPE: PRT
 114 <213> ORGANISM: Artificial Sequence
 116 <220> FEATURE:
 117 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 118 peptide
 120 <400> SEQUENCE: 7
 121 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 122 1 5 10 15
 124 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
 125 20 25 30
 128 <210> SEQ ID NO: 8
 129 <211> LENGTH: 14
 130 <212> TYPE: PRT
 131 <213> ORGANISM: Artificial Sequence
 133 <220> FEATURE:

Same
errorSame
errorSame
errorSame
error

RAW SEQUENCE LISTING

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TIME: 15:20:23

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01072004\J743423.raw

134 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 135 peptide

Same error

137 <400> SEQUENCE: 8

138 Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser

139 1 5 10

142 <210> SEQ ID NO: 9

143 <211> LENGTH: 32

144 <212> TYPE: PRT

145 <213> ORGANISM: Artificial Sequence

147 <220> FEATURE:

148 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 149 peptide

Same error

151 <400> SEQUENCE: 9

152 Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln

153 1 5 10 15

155 Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys

156 20 25 30

162 <210> SEQ ID NO: 10

163 <211> LENGTH: 11

164 <212> TYPE: PRT

165 <213> ORGANISM: Artificial Sequence

167 <220> FEATURE:

168 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 169 peptide

Same error

171 <400> SEQUENCE: 10

172 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser

173 1 5 10

176 <210> SEQ ID NO: 11

177 <211> LENGTH: 119

178 <212> TYPE: PRT

179 <213> ORGANISM: Artificial Sequence

181 <220> FEATURE:

182 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 183 peptide

Same error

185 <400> SEQUENCE: 11

186 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly

187 1 5 10 15

189 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Phe

190 20 25 30

192 Pro Met Ala Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val

193 35 40 45

195 Ser Thr Ile Ser Thr Ser Gly Arg Thr Tyr Tyr Arg Asp Ser Val

196 50 55 60

198 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr

199 65 70 75 80

201 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys

202 85 90 95

204 Ala Lys Phe Arg Gln Tyr Ser Gly Gly Phe Asp Tyr Trp Gly Gln Gly

205 100 105 110

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/743,423

DATE: 01/07/2004

TIME: 15:20:23

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01072004\J743423.raw

207 Thr Leu Val Thr Val Ser Ser

208 115

211 <210> SEQ ID NO: 12

212 <211> LENGTH: 22

213 <212> TYPE: PRT

214 <213> ORGANISM: Artificial Sequence

216 <220> FEATURE:

217 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial

218 peptide

220 <400> SEQUENCE: 12

221 Asp Phe Met Leu Thr Gln Pro His Ser Val Ser Glu Ser Pro Gly Lys

222 1 5 10 15

224 Thr Val Ile Ile Ser Cys

225 20

228 <210> SEQ ID NO: 13

229 <211> LENGTH: 15

230 <212> TYPE: PRT

231 <213> ORGANISM: Artificial Sequence

233 <220> FEATURE:

234 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial

235 peptide

237 <400> SEQUENCE: 13

238 Trp Tyr Gln Gln Arg Pro Gly Arg Ala Pro Thr Thr Val Ile Phe

239 1 5 10 15

242 <210> SEQ ID NO: 14

243 <211> LENGTH: 34

244 <212> TYPE: PRT

245 <213> ORGANISM: Artificial Sequence

247 <220> FEATURE:

248 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial

249 peptide

251 <400> SEQUENCE: 14

252 Gly Val Pro Asp Arg Phe Ser Gly Ser Ile Asp Arg Ser Ser Asn Ser

253 1 5 10 15

255 Ala Ser Leu Thr Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr

256 20 25 30

258 Tyr Cys

262 <210> SEQ ID NO: 15

263 <211> LENGTH: 10

264 <212> TYPE: PRT

265 <213> ORGANISM: Artificial Sequence

267 <220> FEATURE:

268 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial

269 peptide

271 <400> SEQUENCE: 15

272 Phe Gly Gly Gly Thr Lys Leu Thr Val Leu

273 1 5 10

276 <210> SEQ ID NO: 16

277 <211> LENGTH: 110

Same
errorSame
errorSame
errorSame
error

RAW SEQUENCE LISTING

DATE: 01/07/2004

PATENT APPLICATION: US/10/743,423

TIME: 15:20:23

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01072004\J743423.raw

278 <212> TYPE: PRT
 279 <213> ORGANISM: Artificial Sequence
 281 <220> FEATURE:
 283 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 284 peptide
 286 <400> SEQUENCE: 16
 287 Asp Phe Met Leu Thr Gln Pro His Ser Val Ser Glu Ser Pro Gly Lys
 288 1 5 10 15
 290 Thr Val Ile Ile Ser Cys Thr Leu Ser Ser Gly Asn Ile Glu Asn Asn
 291 20 25 30
 293 Tyr Val His Trp Tyr Gln Gln Arg Pro Gly Arg Ala Pro Thr Thr Val
 294 35 40 45
 296 Ile Phe Asp Asp Asp Lys Arg Pro Asp Gly Val Pro Asp Arg Phe Ser
 297 50 55 60
 299 Gly Ser Ile Asp Arg Ser Ser Asn Ser Ala Ser Leu Thr Ile Ser Gly
 300 65 70 75 80
 302 Leu Gln Thr Glu Asp Glu Ala Asp Tyr Tyr Cys His Ser Tyr Val Ser
 303 85 90 95
 305 Ser Phe Asn Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
 306 100 105 110
 309 <210> SEQ ID NO: 17
 310 <211> LENGTH: 15
 311 <212> TYPE: DNA
 312 <213> ORGANISM: Unknown Organism
 314 <220> FEATURE:
 315 <223> OTHER INFORMATION: Description of Unknown Organism: unknown
 317 <400> SEQUENCE: 17
 318 agctttccaa tggcc
 321 <210> SEQ ID NO: 18
 322 <211> LENGTH: 51
 323 <212> TYPE: DNA
 324 <213> ORGANISM: Unknown Organism
 326 <220> FEATURE:
 327 <223> OTHER INFORMATION: Description of Unknown Organism: unknown
 329 <400> SEQUENCE: 18
 330 accattagta ctagtggtgg tagaacttac tatcgagact ccgtgaaggg c
 333 <210> SEQ ID NO: 19
 334 <211> LENGTH: 30
 335 <212> TYPE: DNA
 336 <213> ORGANISM: Unknown Organism
 338 <220> FEATURE:
 339 <223> OTHER INFORMATION: Description of Unknown Organism: unknown
 341 <400> SEQUENCE: 19
 342 tttcggcagt acagtgggtg ctttgattac
 345 <210> SEQ ID NO: 20
 346 <211> LENGTH: 39
 347 <212> TYPE: DNA
 348 <213> ORGANISM: Unknown Organism
 350 <220> FEATURE:

Same
error

Invalid
Response
Please see
item II, on error
summary sheet.
Invalid
Response
Please see
item II, on
error summary
sheet

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/743,423

DATE: 01/07/2004

TIME: 15:20:24

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01072004\J743423.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date